Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 11 Jul 2023 until 23:59 on Wednesday 12 Jul 2023

Forecast Issued on Tuesday 11 Jul 2023 at 02:20

Confidence: High confidence for an unsettled period, with showers and thunderstorms. Lower for timing and distribution of heaviest showers.

Headline for Tuesday 11 Jul 2023: Rain clearing to scattered heavy showers, with a risk of thunderstorms in the afternoon and early evening.

Mountain weather hazards on Tuesday 11 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain showers	Heavy rain showers	Thundery showers	Partly cloudy (night)
Precipitation probability					
30%	40%	50%	50%	60%	20%

Forecast for Tuesday 11 Jul 2023

Weather: A rather cloudy start with patchy outbreaks of rain gradually clearing. Conditions will brighten up for a time but soon, showers will spread in from the west during the morning, intensifying whilst becoming widespread and perhaps thundery in the afternoon. Moderate to strong gusts likely across the highest peaks and in and around showers. Showers may merge before easing into the evening. Turning dry later with clear spells.

Chance of cloud-free hill tops above 600m: 30% rising to 80% through the morning

Low cloud and visibility: Areas of low cloud around 400 m at first, giving poor visibilities across high ground. Bases should gradually lift and break to allow some improvement early afternoon, but highest tops may hold onto cloud throughout. Expect rapid deteriorations in cloud base and visibility around showers. Visibilities generally good outside of showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 11 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/27 SW	22/28 SW	20/27 SW	16/22 SW	14/19 W	13/18 W	17/23 SW
300	17/22 SW	18/24 SW	15/22 SW	13/19 SW	10/14 W	10/14 SW	11/18 SW
Valley	10/20 SW	12/23 SW	10/20 W	9/19 SW	9/17 W	5/14 SW	6/16 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	12/8	12/9	12/10	12/9	11/8	10/7
300	13/10	15/12	15/12	15/13	15/13	13/12	12/10
Valley	14/12	16/14	16/14	16/14	15/14	14/13	13/12
Freezing Level*	2300m	2300m	2300m	2400m	2300m	2200m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sudden heavy downpours may cause slippery paths and localised flooding as well as reduced visibilities. Thunderstorms can also cause danger to life so take extra care if hiking.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 10 Jul 2023	8.6mm	13.8mm	13.8mm

Forecast for Wednesday 12 Jul 2023

Weather: Fine and dry to start, but scattered showers developing from late morning. These once again pose a risk of turning heavy with thunderstorm activity, before dying away in the evening.

Maximum wind: West to South-westerly 20-25mph gusting 30-35mph.

Chance of cloud-free hill tops above 600m: 80-90%.

Low cloud and visibility: Low cloud mainly in the west of the park during the morning with bases 400 m. This soon lifting and breaking to above summits. Generally good visibilities but turning poor in any heavy downpours or thunderstorms.

Temperature: **Valleys:** Plus 11 deg C rising to Plus 19 deg C
At 600m: Plus 09 deg C rising to Plus 13 deg C
Freezing level: Above summits.

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